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(54) COMPOUNDS AND METHODS FOR INHIBITION OF PHOSPHOLIPASE A2 AND CYCLOOXYGENASE-2

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(57) ABSTRACT

The present invention comprises a group of related lipid molecules, and methods for their use, that maybe used to treat inflammation and certain inflammation related diseases. The group of related lipid molecules are capable of inhibiting certain enzyme systems including phospholipase A_2 , and cyclooxygenase-2. The group of related lipid molecules of the invention may be characterized by specific structural characteristics, or by specific biological activity, including inhibition of the previously listed enzymes.

60 Claims, 5 Drawing Sheets

